SAFETY DATA SHEET

DURABLE 5738 Powerclean

Date of issue: June 1999 **Date of revision: January 2000** **Sheet:010**

1. Identification of the substance/preparation and of the company/undertaking

Company/undertaking identification

Durable Hunke & Jochheim GmbH
Westfalenstrasse 77-79
58636 Iserlohn
Germany
Tel: 0049-237-16-22279
Fax: 0049-237-16-22279

Product name:
Air Duster

Manufacturer's Ref:
21-015/ghia

Description of product
Non flammable pressurised Air Duster – Aluminium can

Packaging:
400ml

2. Composition/information on ingredients

Name	CAS no.	Weight %	Danger symbol	R-phrases.
1,1,1,2-Tetrafluoroethane	811-97-2	80-100%	-	-

3. Hazards identification

May cause frostbite if intentionally mis-used.

4. First aid measures

Inhalation: Provide rest, warmth and fresh air. Seek medical advice if discomfort continues.
Skin contact: Wash affected area with warm water.
Eye contact: Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.
Ingestion: Immediately rinse mouth and provide fresh air. Get medical attention if discomfort continues.

5. Fire fighting measures

Extinguishing media: This product is not classified as flammable under current regulations.
Special Fire Fighting Procedures: Use water to keep fire-exposed containers cool and disperse vapours. Breathing apparatus should be worn if exposure to fumes is likely.
Unusual Fire & Explosion Hazards: Possible risk of can rupture when exposed to fire/high temperatures.
Hazardous Decomposition Products: Product burning occurs with emission of a highly toxic and corrosive gas (HF).

6. Accidental release measures

Clean-up procedures: Let evaporate and ventilate well

7. Handling and storage

Usage Precautions:	CAUTION Pressurised container. Do not expose to temperatures exceeding 50°C. Do not puncture or incinerate even when empty. Do not spray onto naked flame or any incandescent material. Spray in short bursts to prevent cooling of the can. Do not invert or shake the can during use. Spray in short bursts to prevent cooling of the can. Not recommended for surface coated mirrors.
Storage:	Store in a cool dry place away from all sources of heat including direct sunlight.

8. Exposure controls/personal protection

Ingredient Name	CAS No.	Std.	Lt Exp.	St Exp.
		8 hrs	10 min	
1,1,1,2-Tetrafluoroethane	811-97-2	OES	1000 PPM (rec.)	

Ingredient Comments:

OES: Occupational Exposure Standard

LT EXP: Long term exposure limit.

ST EXP: Short-term exposure limit.

Personal protection

Ventilation:	No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.
Eye protection:	Safety goggles/glasses are advised if there is a risk of eye contact, but not generally required under normal use.
Respirators:	None required if used in well ventilated areas.
Protective gloves:	No specific hand protection noted, but gloves may still be advisable.

9. Physical and chemical properties

Appearance:	Aerosol .	
Odour/Taste:	Characteristic	
Specific gravity:	(Water=1)	N/A @ 20°C
PH-Value:	N/A	
Flash Point:	N/A	
Flash point method:	Will not flash	

10. Stability and reactivity

Conditions to avoid:	Avoid heat, flames and other sources of ignition.
Materials to avoid:	Powdered metal. Alkali metals. Alkali earth metals
Hazardous Decomposition products:	Product burning occurs with the emission of a highly toxic and corrosive gas (HF).

11. Toxicological information

Inhalation:	High concentration of vapour may cause dizziness, nausea and headaches.
Eye contact:	Liquid splashes may result in the freezing of eye tissue and fluids.
Skin contact:	Large quantities may lead to frost bite.
Ingestion:	Will cause freezing of the mouth and possibly internal damage. This is unlikely to occur due to the nature of the product.

12. Ecological information

Water hazard classification:	Discharge of product will enter the atmosphere and will not result in long term aqueous contamination.
Global warming potential:	0.28 (R11=1), (1,1,1,2-Tetrafluoroethane)
Ozone depletion potential:	0 (R11=1) (1,1,1,2-Tetrafluoroethane)

13. Disposal considerations

Disposal method: Do not puncture or incinerate even when empty. Dispose of in accordance with Local Authority requirements.

14. Transport information

ROAD

UN No.	1950
ADR Class:	2

CEFIC TEC (R) No:	20G26-1
ADR Item No.	5ØA
AIR	
UN Air:	1950
Air transport class No.	2
Air pack GR:	--
SEA	
UN Sea:	1950
Sea transport class No.	2
IMDG Page No.	2102
Sea pack GR:	--

15. Regulatory information

According to EEC Directives 67/548/EEC the product is labelled as follows:
Symbol:
Risk Phrases: Not classified
Safety Phrases: S-24/25 Avoid contact with skin and eyes.
S-23 Do not breathe vapour/spray
S-51 Use only in well ventilated areas.
UK Regulatory References: The Control of substances Hazardous to Health Regulations 1988.
Chemicals (Hazards Information & Packaging) Regulations 1996.

16. Other information

The directions are given assuming the product is used for it's normal purpose. It is however, always the responsibility of the user to comply with national legislation's. The information in this Safety Data Sheet should be understood as a description for safe handling of the product and is no guarantee for the properties of the product.

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Revision Date:	27.01.2000
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